

## ABSTRACT OF THE DISCLOSURE

Provided is a temperature detection method capable of more accurately acquiring an environmental temperature and more accurately correcting temperature detection of a printhead. In a printing apparatus to which this method is applied, a previous printing time when the printhead has performed printing operation is stored in a nonvolatile memory. The current time is acquired using a timer which always performs time counting operation by power supply from an auxiliary power supply capable of supplying power independently of a main power supply that supplies power for performing printing operation by the printing apparatus. A time elapsed after the previous printing time is calculated on the basis of the current time and previous printing time. The elapsed time and a predetermined time are compared. The temperature is measured using a sensor arranged in at least either of the printing apparatus and the printhead in accordance with the comparison result. A temperature is updated on the basis of the measured temperature.